

Anatomy & Physiology: Muscles—Abductor Digiti Minimi (fingers).

STRUCTURE.

- Origin: pisiform and tendon of flexor carpi ulnaris.
- Insertion: medial side of proximal phalanx of littler finger.

FUNCTION.

- Concentric action: abducts and flexes little finger at metacarpophalangeal joint.
- Reverse mover action: abduct 5th metacarpal at MCP; abduct hamate at CMC of little finger; flex 5th metacarpal at MCO; distally glide the pisiform at CMC; extend proximal phalanx of little finger at PIP; extend middle phalanx of little finger at DIP.
- Eccentric action: controls/restrains/slows little finger at MCP, CMC, DIP, and PIP joints.
- Isometric action: stabilize little finger at MCP, CMC, DIP, PIP.
- Innervation: ulnar nerve.
- Arterial supply: branches of ulnar artery.

CLINICAL SIGNIFICANCE.

References

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